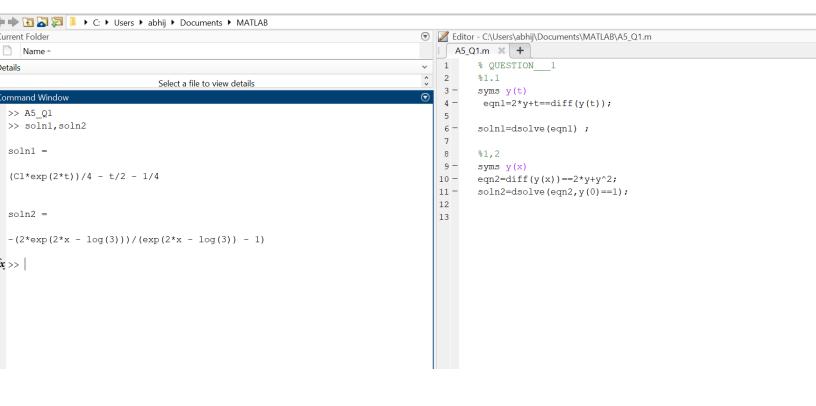
Name: Abhijeet Deshmukh

Mis:111909002

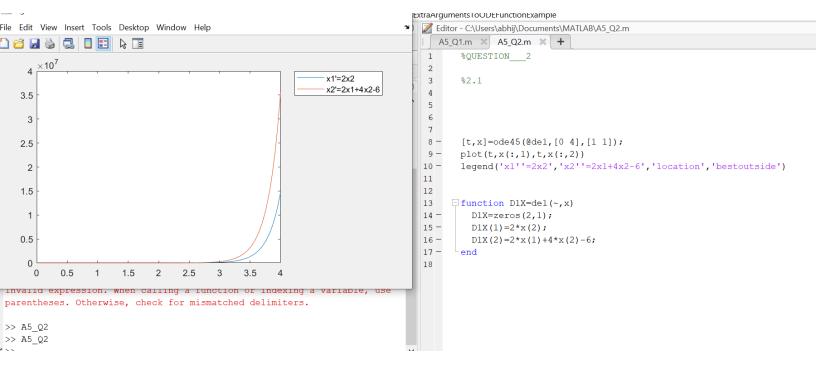
batch:A

sy:20-21

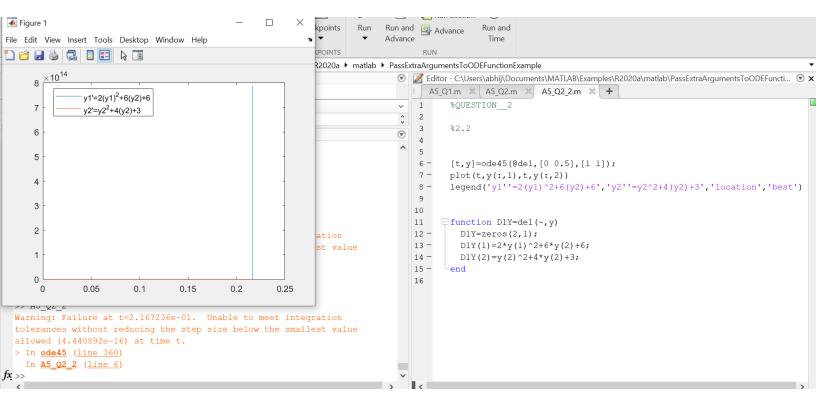
Q1:dsolve



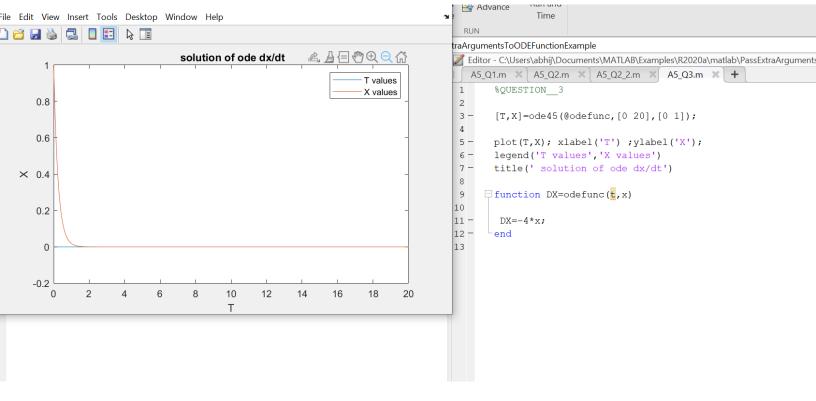
Q2.1:ode45



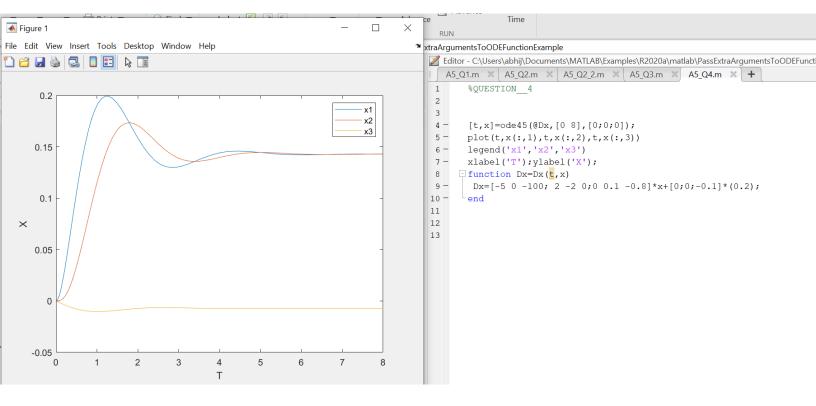
Q2.2:ode45_singularity case



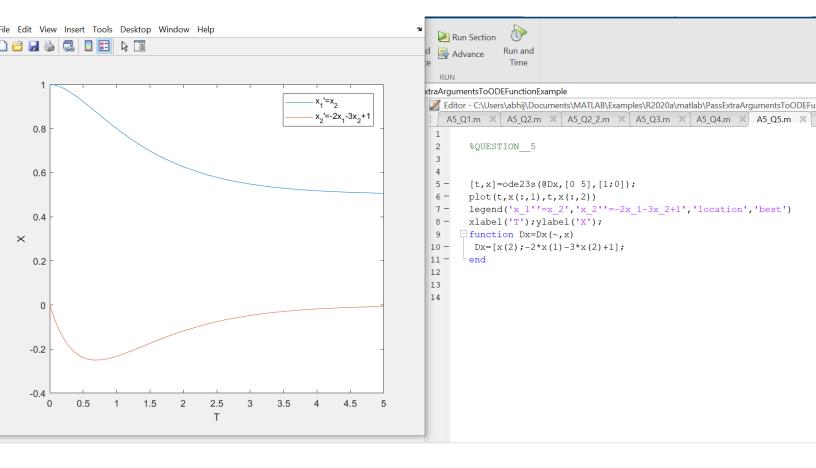
Q3:ode45



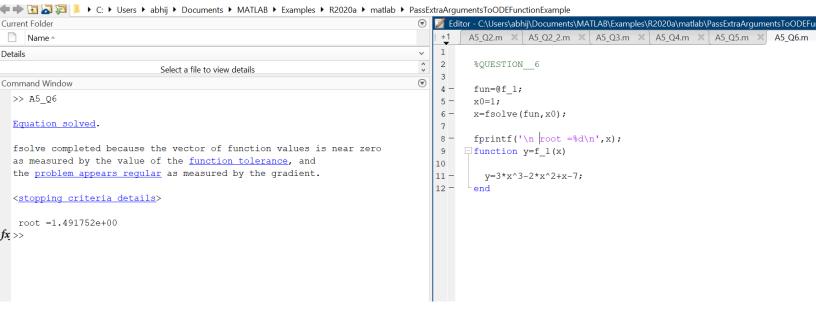
Q4:ode45_matrix form



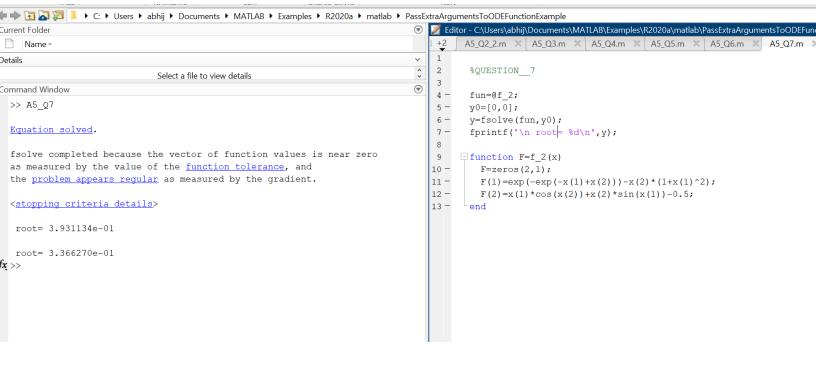
Q5:0de23s



Q6:fsolve



Q7:fsolve_2D_roots



Q8: geometric representation of ode using ode23

